

AXIS

Revision 0

April 2025

AXIS Shelf Connector Y Owner's Manual



Serial Number Here

Date of Purchase



Instructions

Congratulations on the purchase of your new Batca Y AXIS System. This gym will provide you with a lifetime of enjoyment to meet your strength training needs. Batca Fitness Systems strives to build the best quality gyms and to package these gyms in such a way to avoid any damage during shipping.

In order to get started with your assembly you should first familiarize yourself with this manual. It is recommended that you read through each step thoroughly before you begin. Begin by opening your boxes and separating all of your parts. Verify that all parts are accounted for and have no damage. When all parts are accounted for, you may begin your assembly. Some items may have been pre-assembled for your convenience. Please note that hardware quantities shown reflect total quantities for your gym and may not reflect actual quantities in each bag. Assemble your gym on a solid level surface. This will ensure the best possible performance, function, and safety for the gym and your workout.

Assemble your gym according to the step by step instructions found in this manual. Failure to do so will void your warranty and may result in personal injury. After assembly, you should check each station to ensure correct operation. If a problem arises, recheck your assembly with these instructions to verify correct assembly. If you are unable to correct a problem or have questions with your assembly please contact your authorized Batca dealer.

Warning

Batca Fitness Systems has built this gym to give you a safe, effective and enjoyable workout. However, there is a risk assumed by individuals who use this type of equipment. It is very important that all warnings and instructions are read and followed before beginning any exercise program.

It is also very important to read and follow the preventative maintenance schedule described in this manual. If any of the warning labels or stickers are worn, faded, torn, scratched or missing they should be replaced immediately.

WARNING: There is a risk assumed by individuals who use this type of equipment. To minimize risk always follow these rules.

- 1) It is essential that you consult with your physician before beginning any exercise program.
- 2) Inspect equipment before each use for loose, worn, or frayed parts (including cables, nuts and bolts). Replace parts at first signs of wear (use only genuine BATCA replacement parts). Use of equipment that is damaged, worn, frayed or not completely assembled on a solid, level surface may result in injury.
- 3) Make sure all adjustment pins are fully engaged before using equipment.
- 4) Keep all parts of the body and clothing outside the path of any moving parts of the gym. Be alert to the possibility of injury. Do not be careless.
- 5) Minors and children should not be allowed to play on or around this gym.
- 6) If you have any questions on proper use or maintenance of this gym, do not hesitate to call your local BATCA FITNESS SYSTEMS distributor or BATCA FITNESS SYSTEMS at (919) 255-

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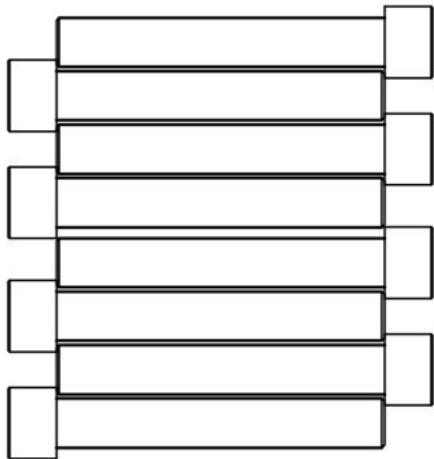
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Tools Required

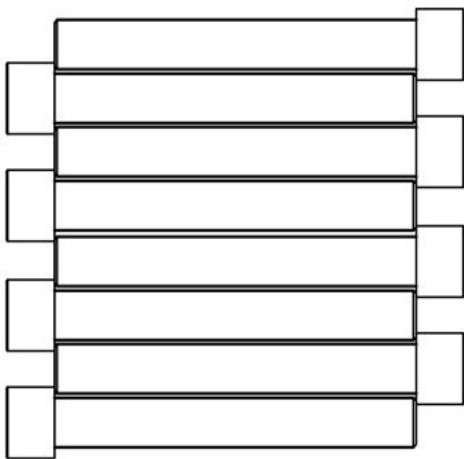
- 9/16" Wrench/Ratchet
- Allen Wrench Set (M8, M6)
- 3/4" Wrench
- Tape Measure

Hardware Blister Packs

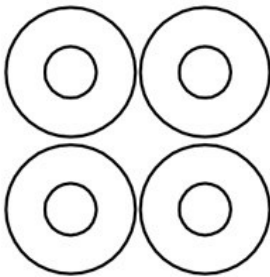
Step 1:



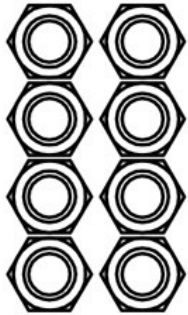
SHCS 3/8" x 2 1/2"
(QTY=8)



SHCS 3/8" x 2 3/4"
(QTY=8)



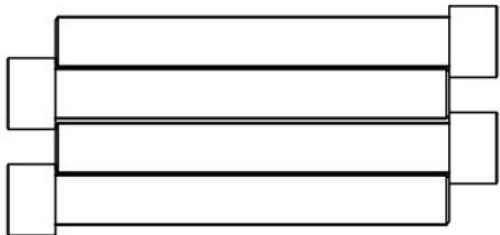
3/8" Flat Washers
(QTY=16)



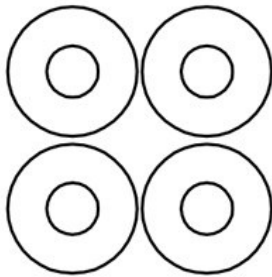
3/8" Nylock
(QTY=8)

Use these bolts only if ASCY is being bolted to an AST or AFR

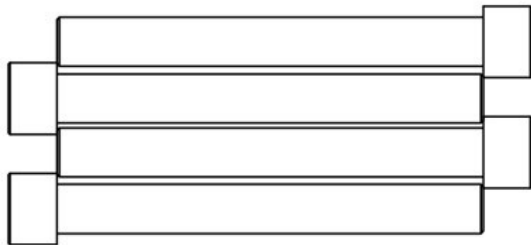
Step 2:



SHCS 3/8" x 3"
(QTY=4)

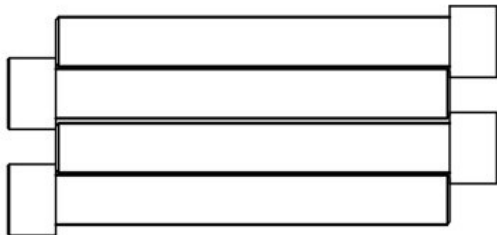


3/8" Flat Washers
(QTY=8)

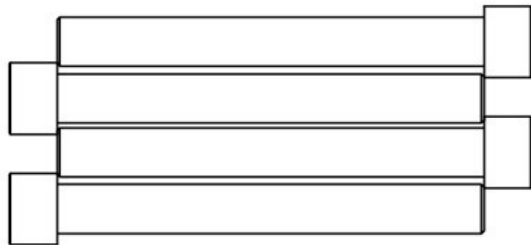


SHCS 3/8" x 3 1/4"
(QTY=4)

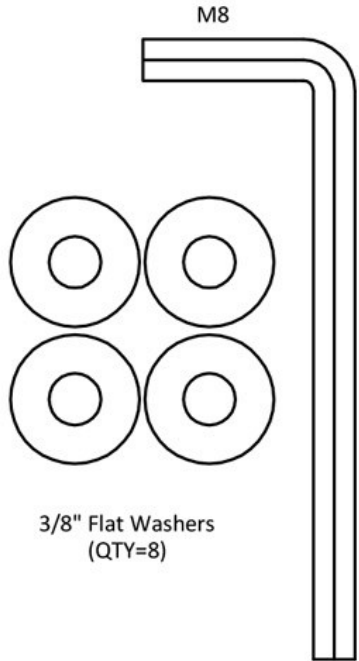
Step 2b:



SHCS 3/8" x 3"
(QTY=4)



SHCS 3/8" x 3 1/4"
(QTY=4)

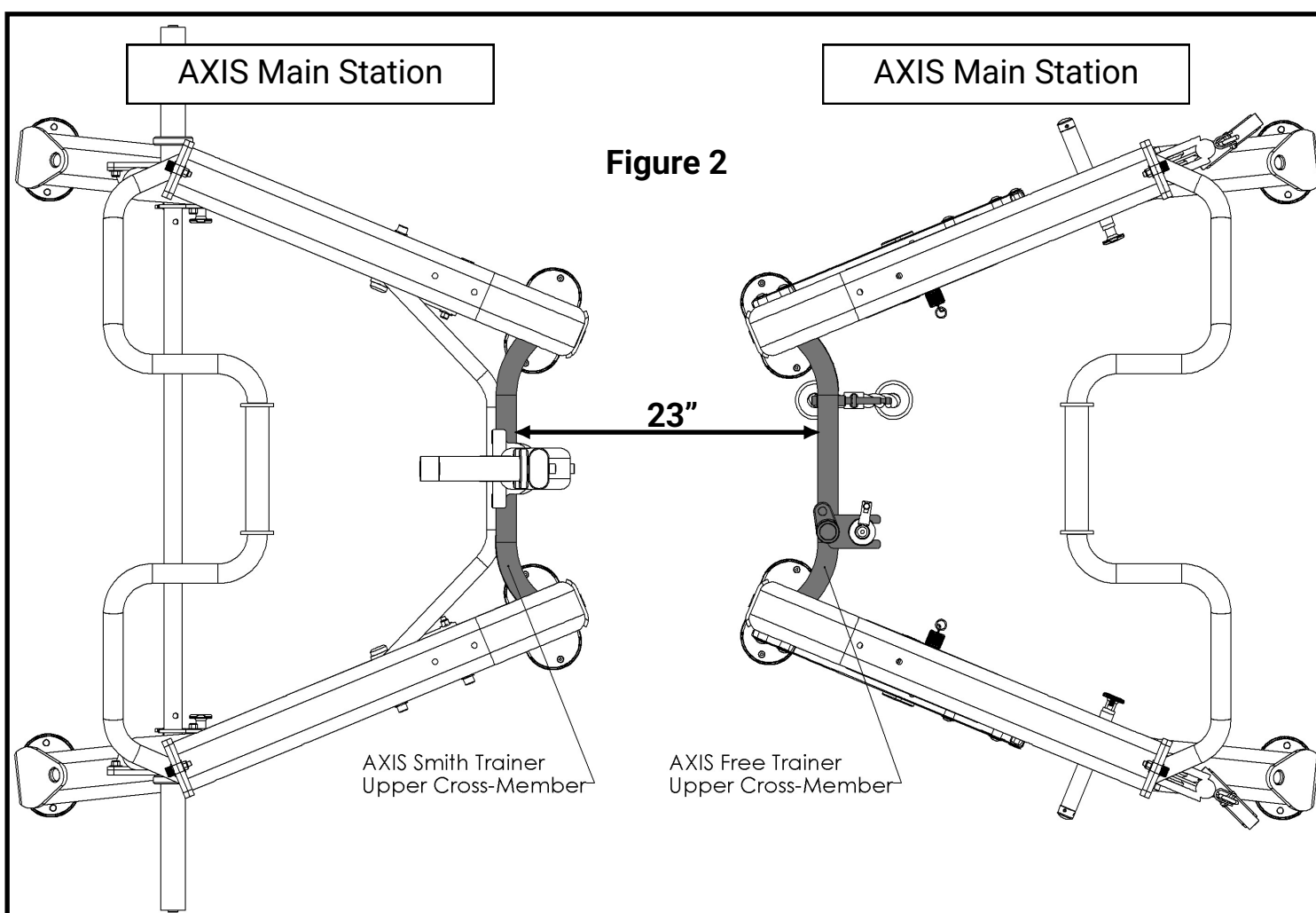
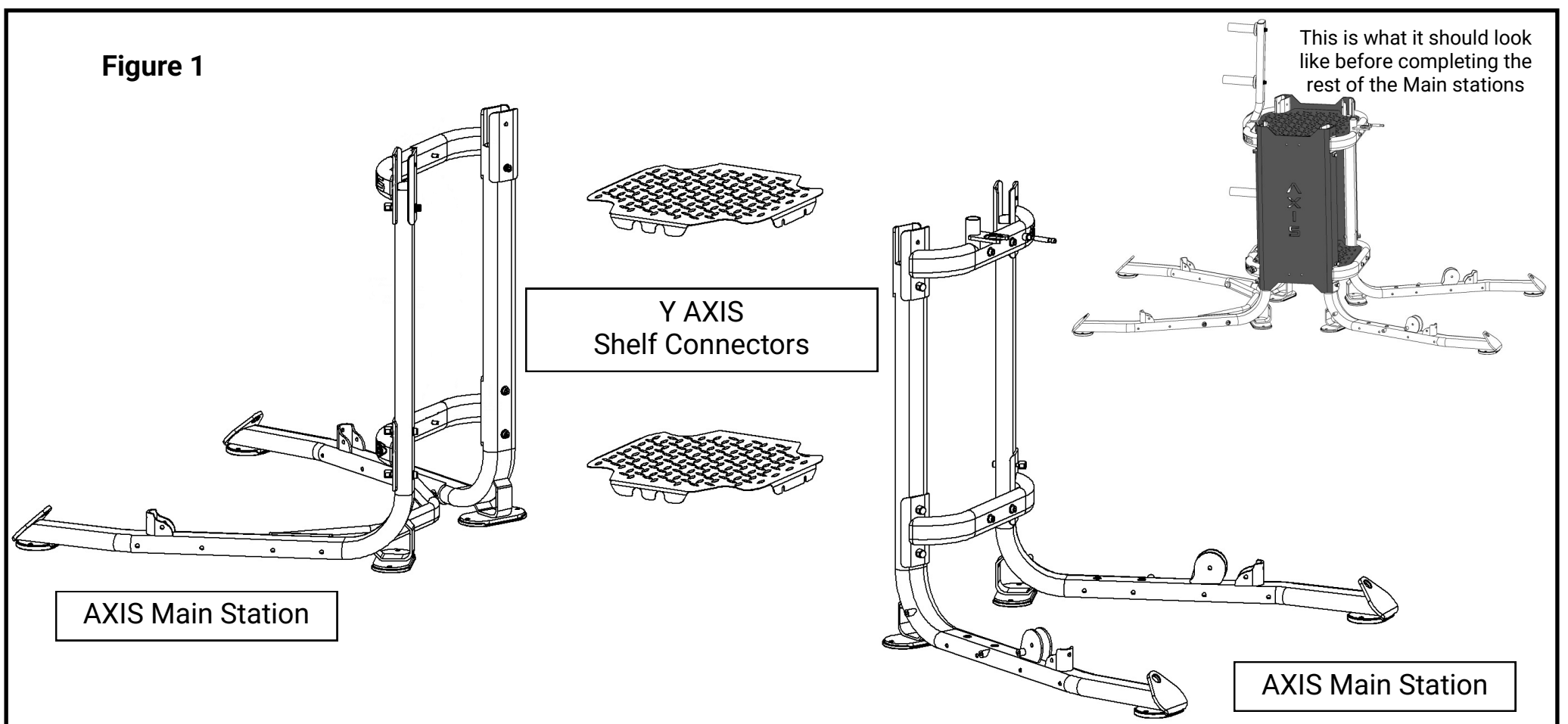


3/8" Flat Washers
(QTY=8)

Pre-Assembling Instructions

NOTE: It is important to position the two AXIS Main Stations accordingly. Make sure they are approximately **23 inches apart** by measuring from the inside face of each AXIS Cross-Member. Also, make sure the machines are mirrored back-to-back as shown in the diagram below. Having the correct spacing is important for assembling the shelf components in the following steps. This will help to insure all of the components on the Y-AXIS line up smoothly and will help to make the installation process effortless.

Note: Positioning your machines is easiest to do immediately after completing Step 1 of each Main Station in your Y AXIS configuration as shown in Figure 1. Once the positioning is done the Y-AXIS Shelf Connectors and shrouds can be assembled. Proceed to Step 1 in on page 5 and complete the Y AXIS Shelf Connector installation **before** completing remaining assembly of the two AXIS Main Stations.



NOTE: If you are installing **Y AXIS Dip/Plyo** or **Y AXIS Heavy Bag Hanger**, position the stations so there is a minimum of 5'-6" between the face of the **Y AXIS Shroud** (on the corresponding side) and the wall/any other equipment.

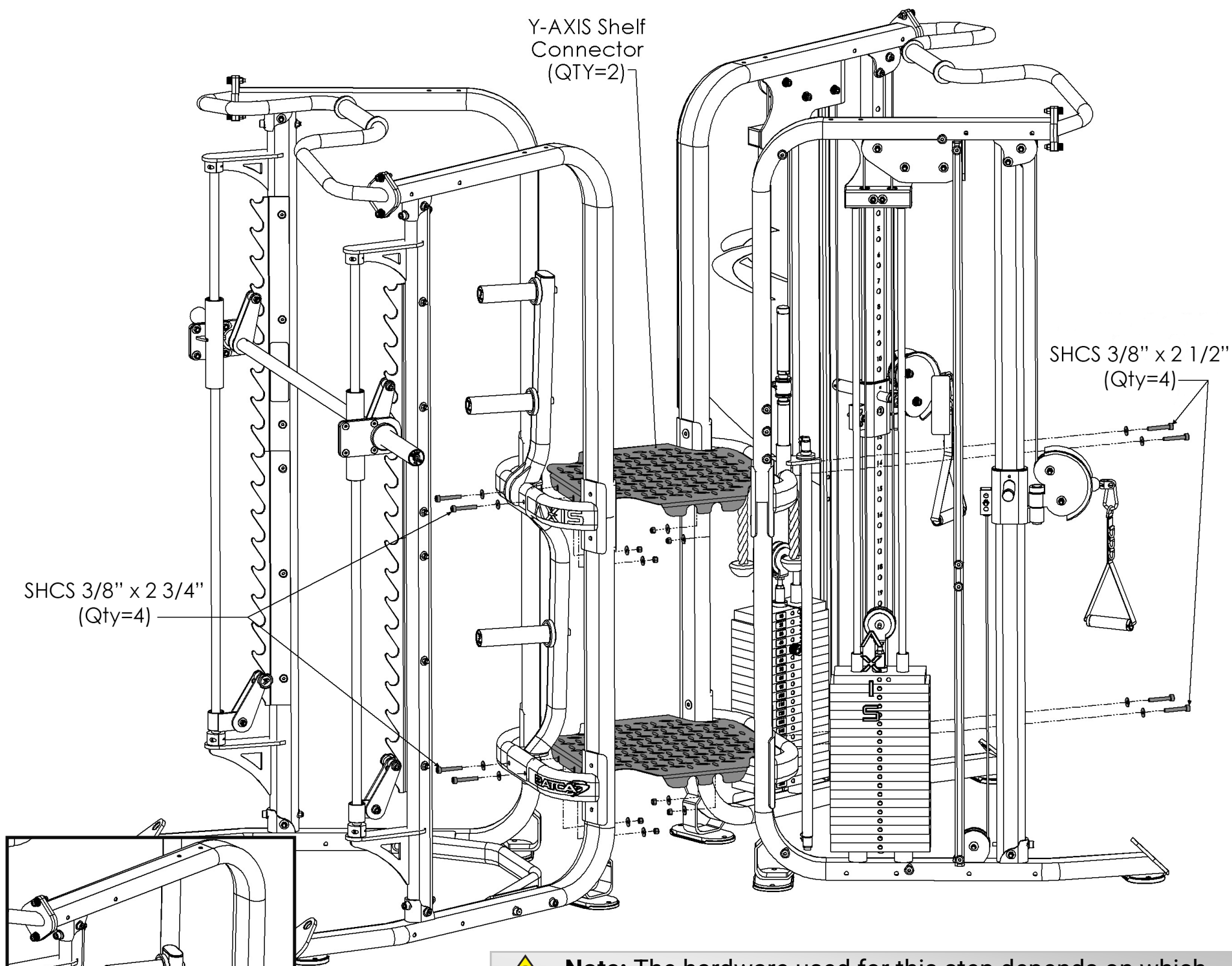
NOTE: Shown in Figure 2 is the AXIS Smith Trainer on the left and the AXIS Free Trainer on the right. The Y-AXIS can be assembled with **ANY TWO** AXIS Main Stations in either orientation. The AXIS Main Stations include the following: AXIS Smith Trainer (AST), AXIS Free Trainer (AFT), AXIS Body Weight Trainer (ABT), and the AXIS Free Weight Rack (AFR).

PLEASE READ AND FOLLOW ALL DIRECTIONS CAREFULLY FOR PROPER INSTALLATION.

 **Step 1: Note: Please Position Hardware in the same direction as shown in the figure. This will make future steps easier to assemble**

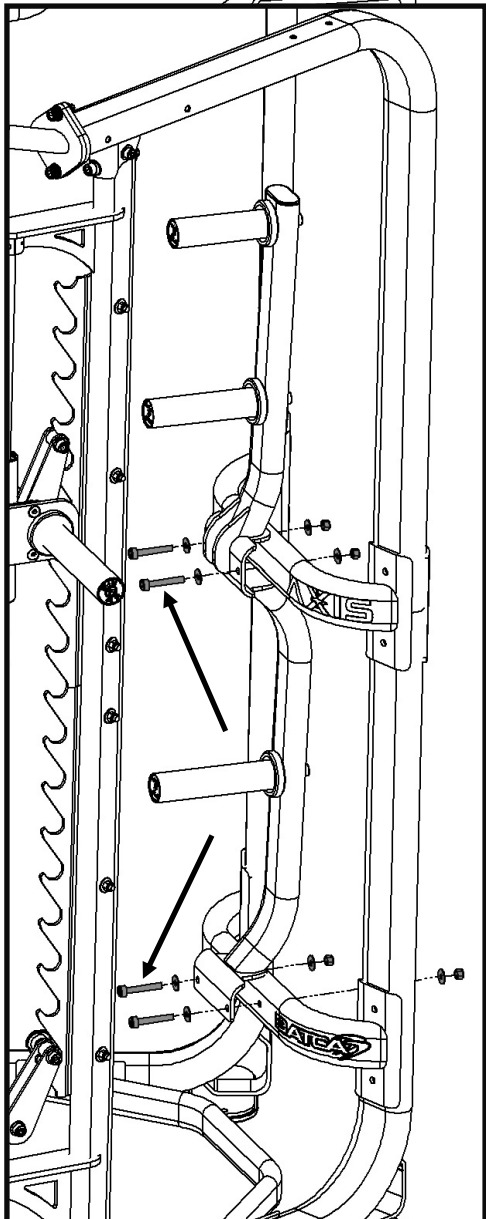
 **DO NOT TIGHTEN BOLTS Until Step 3**

All Flat Washers and Nylocks are 3/8" unless otherwise noted.



 **Note:** The hardware used for this step depends on which Main Stations are used:

- Use four **SHCS 3/8" x 2 3/4"** when connecting an **AST** or **AFR**.
- Use four **SHCS 3/8" x 2 1/2"** when connecting an **AFT** or **ABT**.

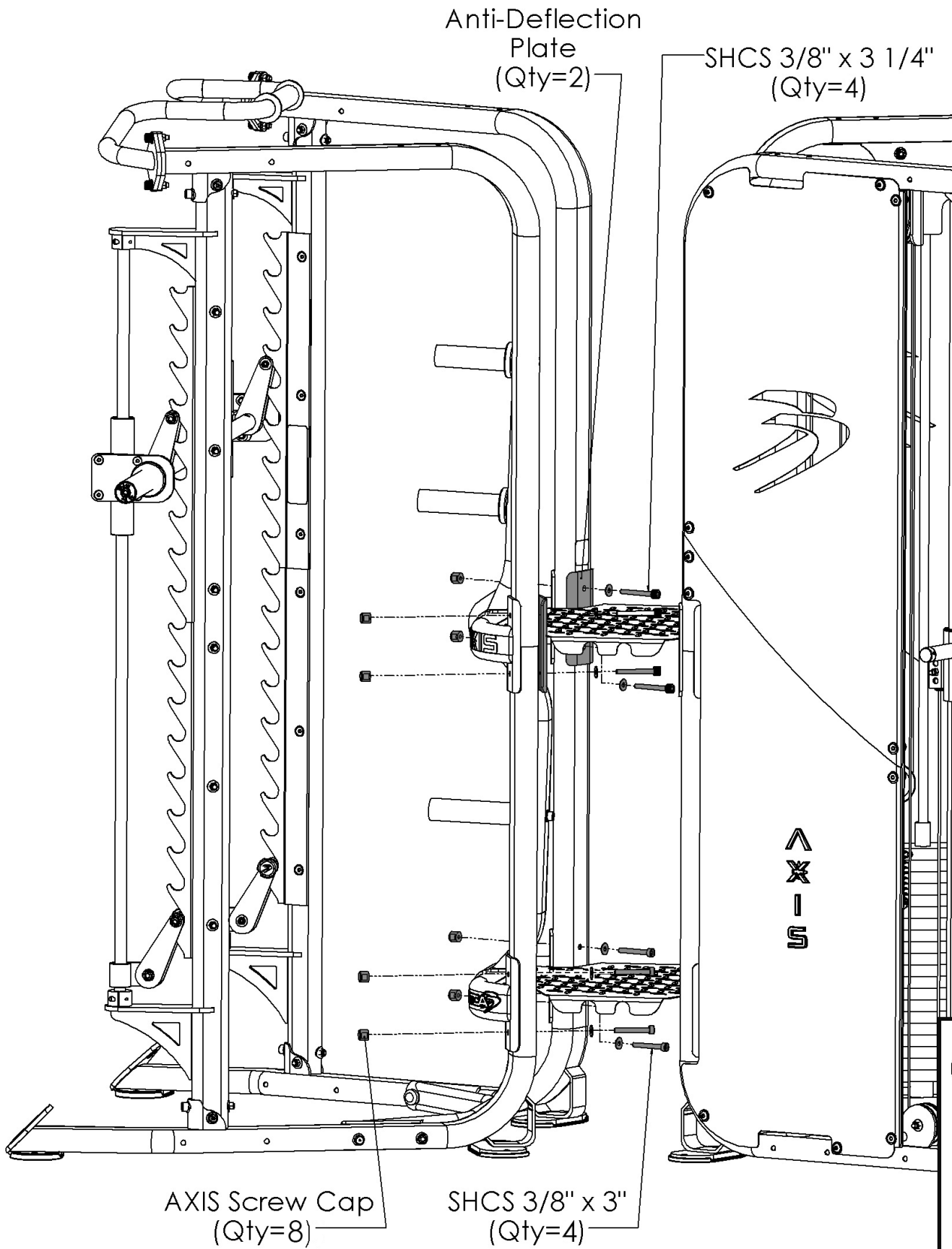


 **Note:** If connecting an **AST** or **AFR**, you must remove these four SHCS 3/8" x 2 1/2" bolts prior to connecting the Y-Axis Shelf Connectors, and replace them with four SHCS 3/8" x 2 3/4" bolts.

Part #	Description	Qty
BFM-53011	Y AXIS Shelf Connector	2
BFP-51750	SHCS 3/8" x 2 3/4"	0 - 8
BFP-52382	SHCS 3/8" x 2 1/2"	0 - 8
BFH-50204	3/8" Flat Washer	16
BFH-50157	3/8" Nylock	8

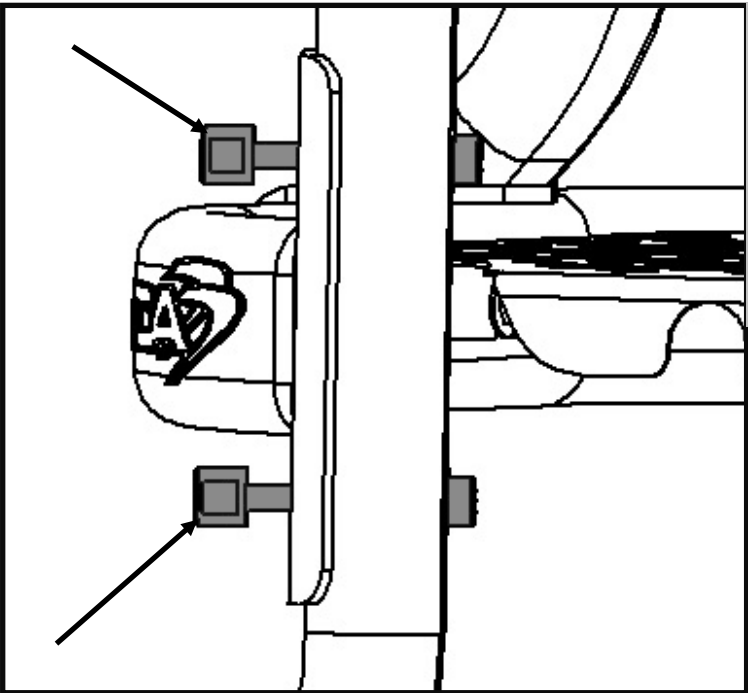
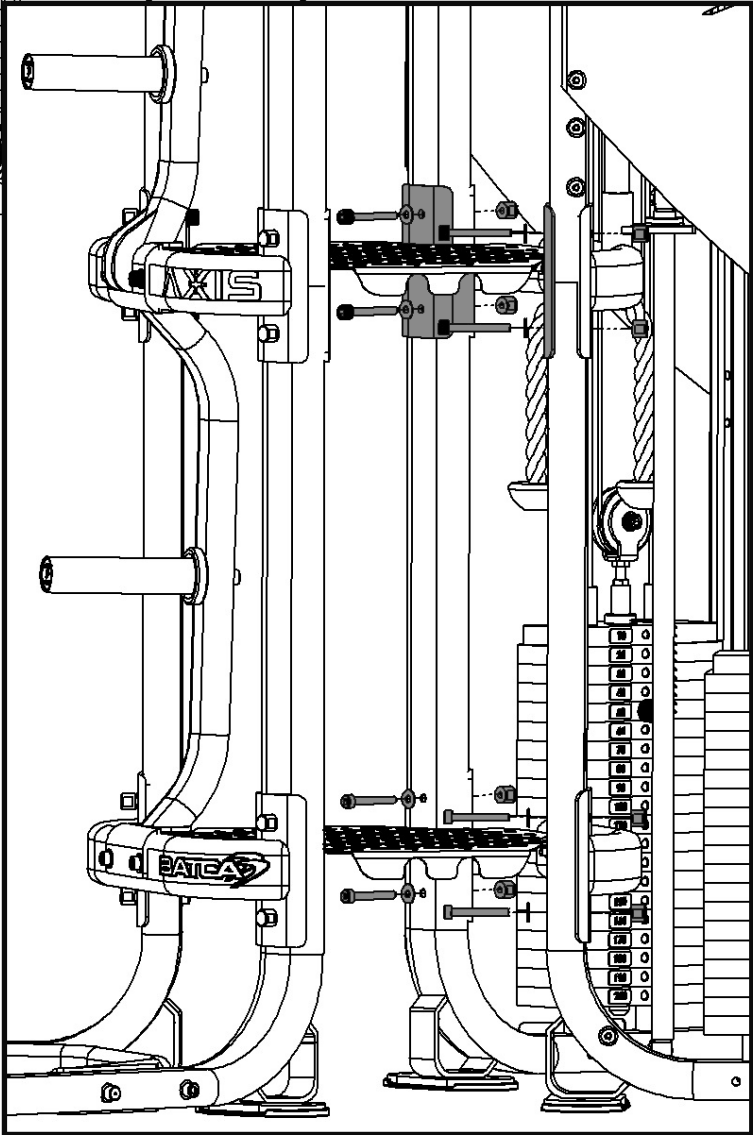
Step 2: Do Not Tightened Bolts Until Step 3

All Flat Washers and Nylocks are 3/8" unless otherwise noted.



 **Note:** The Anti-Deflection Plates and the all AXIS Screw Caps should already be on each AXIS Main Stations and are reused for these steps. However, the bolts are not reused and must be replaced with those shown in the diagram.

Step 2b:
Repeat step 2 for other side



 **Note:** only slightly tighten the AXIS Screw Caps, they will need to be removed again in step 3.

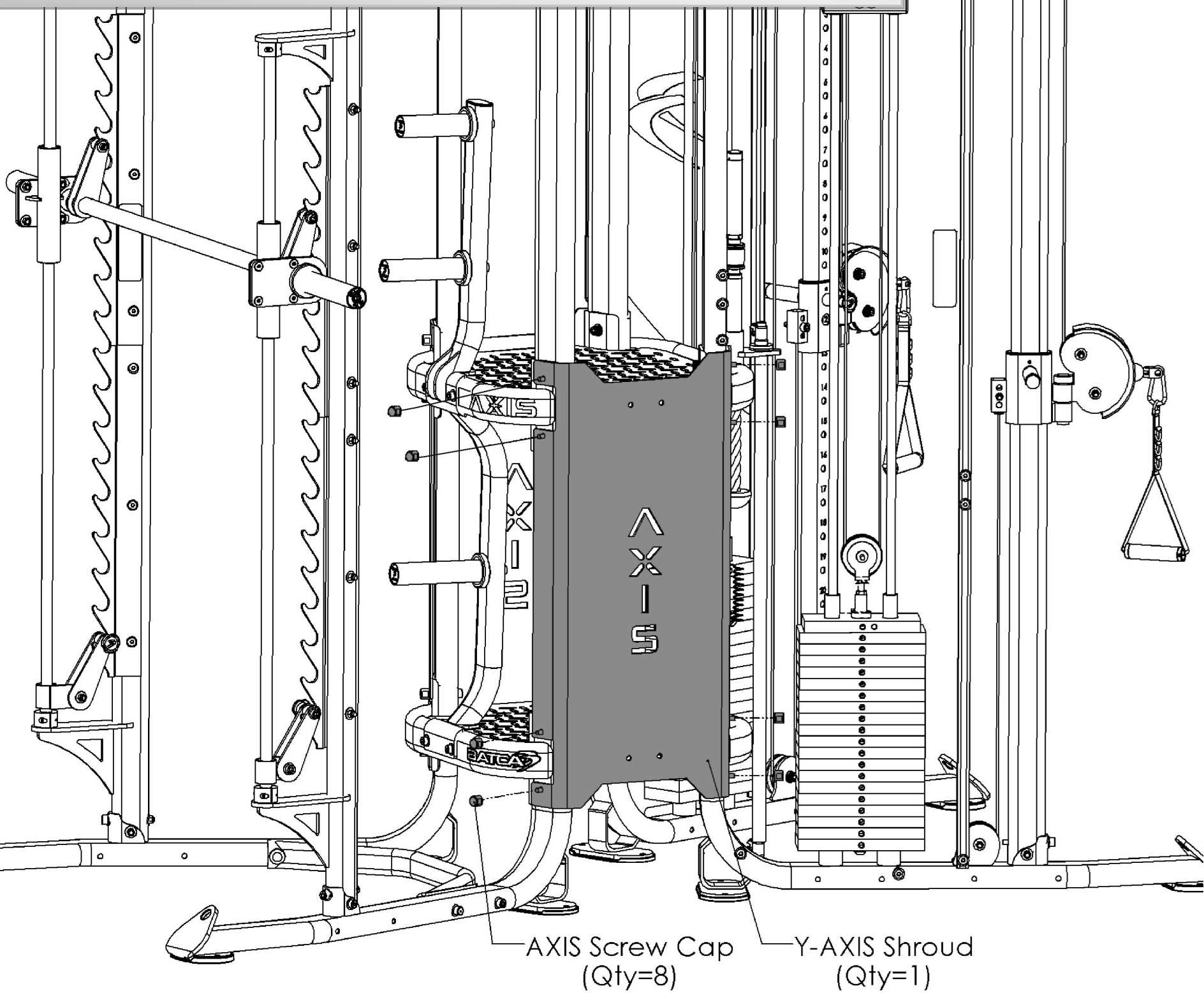
Step 2		
Part #	Description	Qty
BFM-52618	Anti-Deflection Plate	2
BFM-51748	AXIS Screw Cap	8
BFP-51748	SHCS 3/8" x 3 1/4"	4
BFP-51747	SHCS 3/8" x 3"	4
BFH-50146	3/8" Flat Washer	8

Step 2b		
Part #	Description	Qty
BFM-52618	Anti-Deflection Plate	2
BFM-51748	AXIS Screw Cap	8
BFP-51748	SHCS 3/8" x 3 1/4"	4
BFP-51747	SHCS 3/8" x 3"	4
BFH-50146	3/8" Flat Washer	8

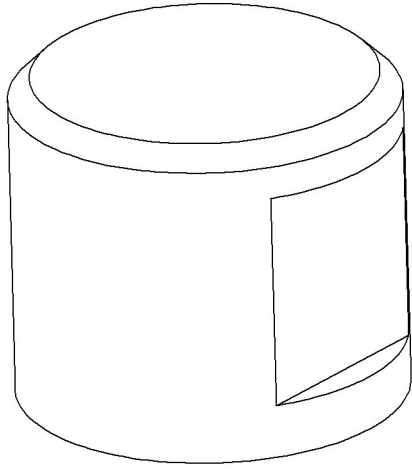
Step 3: Tighten All Bolts After Completing This Step

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

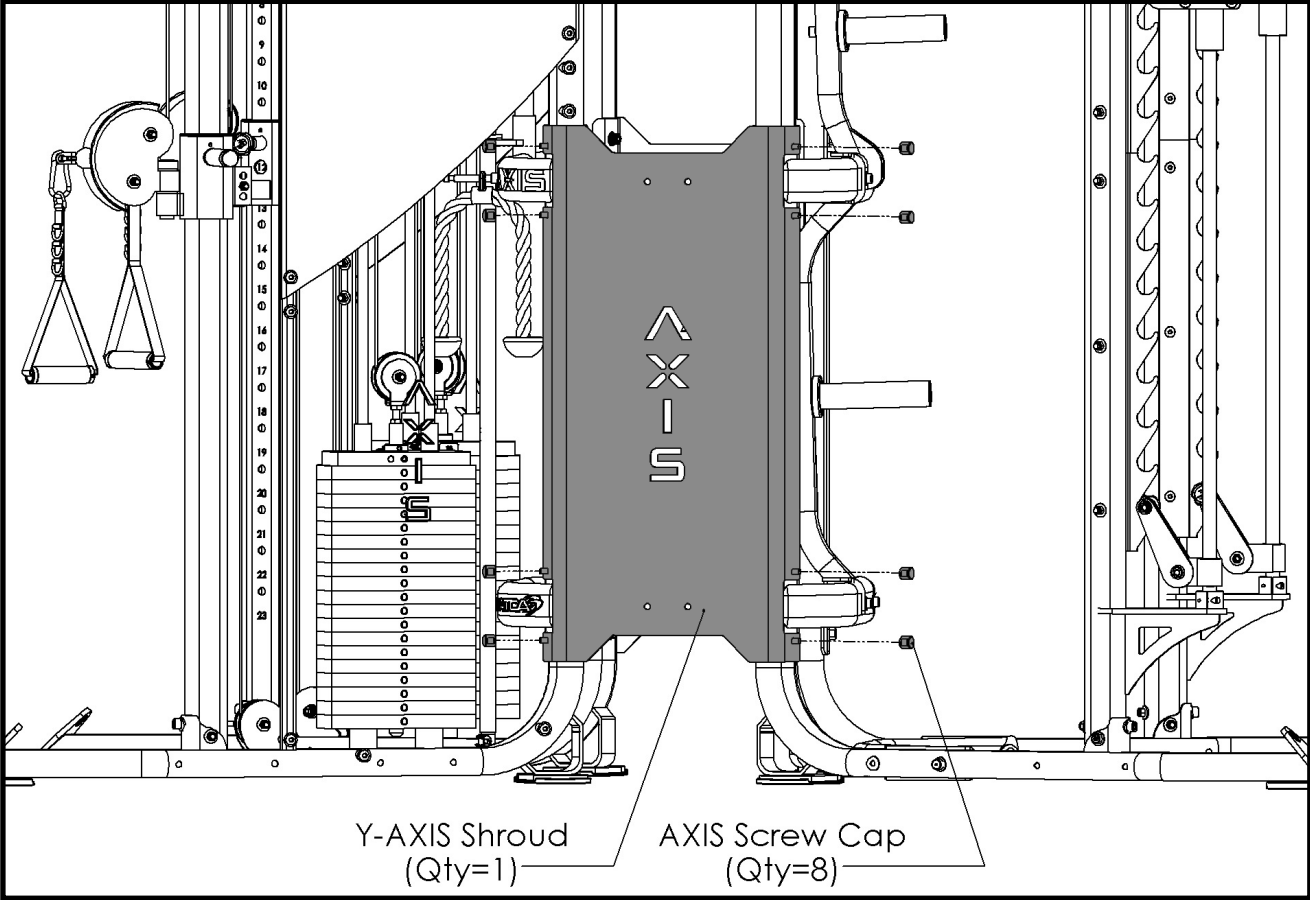
 Remove the AXIS Screw Caps in order to install the Y-AXIS Shroud. Once the shroud is on, secure it using the same AXIS Screw Caps.



 **Note:** The AXIS Screw Caps should already be on each AXIS Main Stations and are reused for these steps.



Step 3b:
Repeat step 3 for other side



Step 3		
Part #	Description	Qty
BFM-53010	Y AXIS Shroud	1

Step 3b		
Part #	Description	Qty
BFM-53010	Y AXIS Shroud	1

Preventive Maintenance

Batca Fitness Systems strives to give you the very best in quality, performance and safety through carefully engineered designs and excellent workmanship. In order to maintain this high level of quality the preventative maintenance schedule below should be followed.

Clean upholstery, grips, and roller pads with mild soap and water generally after every use. The guide rods, chrome slides and frame should be cleaned with a cotton cloth. Upon cleaning the guide rods, a thin layer of Silicone or Teflon gel should be applied to each rod to ensure a glass smooth performance.

An overall inspection should be done before each workout. If the warning and safety decals are worn or have been removed they should be replaced immediately. The cables and cable systems should be inspected for signs of wear and proper tension. In order to check cables properly you should carefully run the cable through your fingertips, checking for signs of wear, cracks, burs and thinning spots. Replace any part at first signs of wear. Cables should be adjusted for proper tension. See assembly instructions for this detail. All hardware, stops, and adjustments should be checked and tightened as required.

The guide rods on your machine should be cleaned and lubricated regularly. This will ensure a glass smooth performance from your weight stack. A thin layer of either Silicone or Teflon gel should applied to each rod.

Although cables should be inspected daily, it is important that ALL cables be replaced as directed in the schedule below. Please note that at any first sign of wear the cable should be replaced immediately.

If there are any questions concerning maintenance, please contact your local Batca dealer or contact Batca Fitness Systems directly at:

Batca Fitness Systems
(919) 255-1233
www.batcafitness.com

	Daily		Weekly		Monthly		Quarterly		Yearly	
	Commercial	Home	Commercial	Home	Commercial	Home	Commercial	Home	Commercial	Home
Clean										
Frame			X			X		X		
Inspect										
Overall	X	X								
Safety Decals	X	X	X			X		X		
Hardware	X	X								
Frame			X			X		X		

Limited Lifetime Warranty

What is covered

For Residential Use:

Batca Fitness Systems warrants all of its products against defects in manufacturing, materials and workmanship under normal use and service for one year from date of purchase including paint, chrome, upholstery and grips. Batca Fitness Systems also warrants all cables, belts, bolts, nuts, caps, plugs, bumpers, washers, levelers, decals, gas springs and other hardware for three years after date of purchase; all moving parts, including pulleys, bushings, bearings and pull pins for five years after date of purchase and warrants the frame and all welded parts for the lifetime of the original purchaser.

For Commercial Use:

Batca Fitness Systems warrants all of its products against defects in manufacturing, materials and workmanship under normal use and service for six months from date of purchase including paint, chrome, upholstery and grips. Batca Fitness Systems also warrants all cables, belts, bolts, nuts, caps, plugs, bumpers, washers, levelers, decals, gas springs and other hardware for one year after date of purchase; all moving parts, including pulleys, bushings, bearings and pull pins for three years after date of purchase and warrants the frame and all welded parts for ten years after date of purchase.

What is not covered

This warranty does not cover damage, which results from shipping, misuse, abuse, neglect, carelessness, modification or alteration, accident, fire, flood, "acts of God" or other contingencies beyond the control of Batca Fitness Systems. This warranty also does not cover deterioration from wear and tear or exposure or any defect, which would not have happened if instructions in the owner's manual had been followed. Improper installation, improper assembly or follow-up maintenance along with installation of parts or accessories not originally intended for products of Batca Fitness Systems are also not covered by this warranty. Only genuine Batca parts should be used for replacement, repair, and maintenance for this warranty to apply.

Defective parts will be repaired or replaced at Batca Fitness Systems option, without parts charge to the purchaser. All returns require a return authorization prior to acceptance of repair work. Batca Fitness Systems reserves the right to make design changes without any prior notification and shall not be responsible for incidental or consequential damages.

The purchaser is responsible for shipping the defective part back to the factory. Repair or replacement is the exclusive and sole remedy of the purchaser. Labor charges associated with parts changeovers are not covered by this warranty. Proof of purchase, serial number, model number and date of purchase will be required along with all pertinent information of the alleged damage.

This warranty applies only to the original purchaser and is not transferable. Claims under this warranty must be made directly to Batca Fitness Systems.

Batca Fitness Systems
1207 N. New Hope Road
Raleigh, NC 27610
(919) 255-1233

www.batcafitness.com

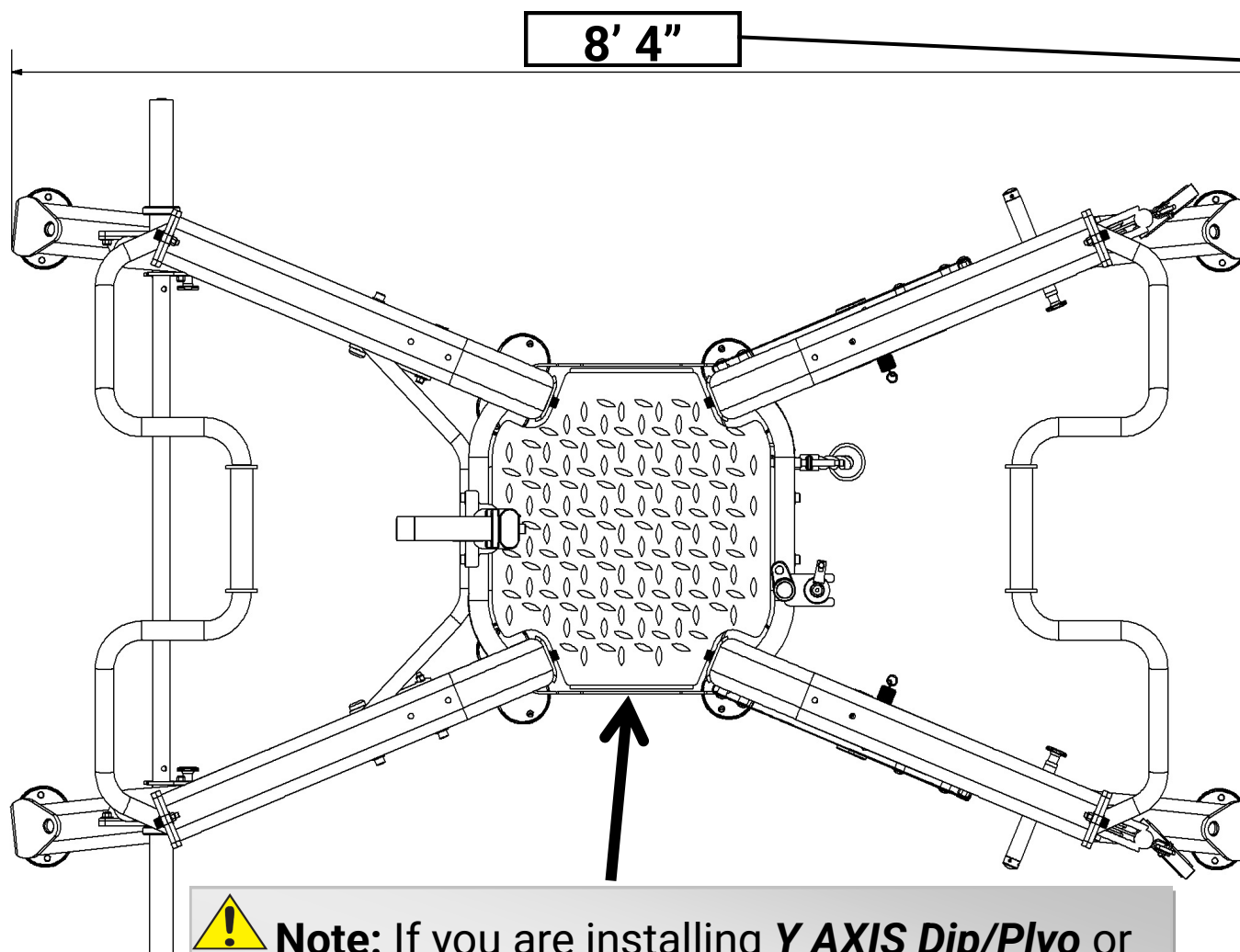
Please keep this for your records.



Scan the QR Code to
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BATCA Product online!

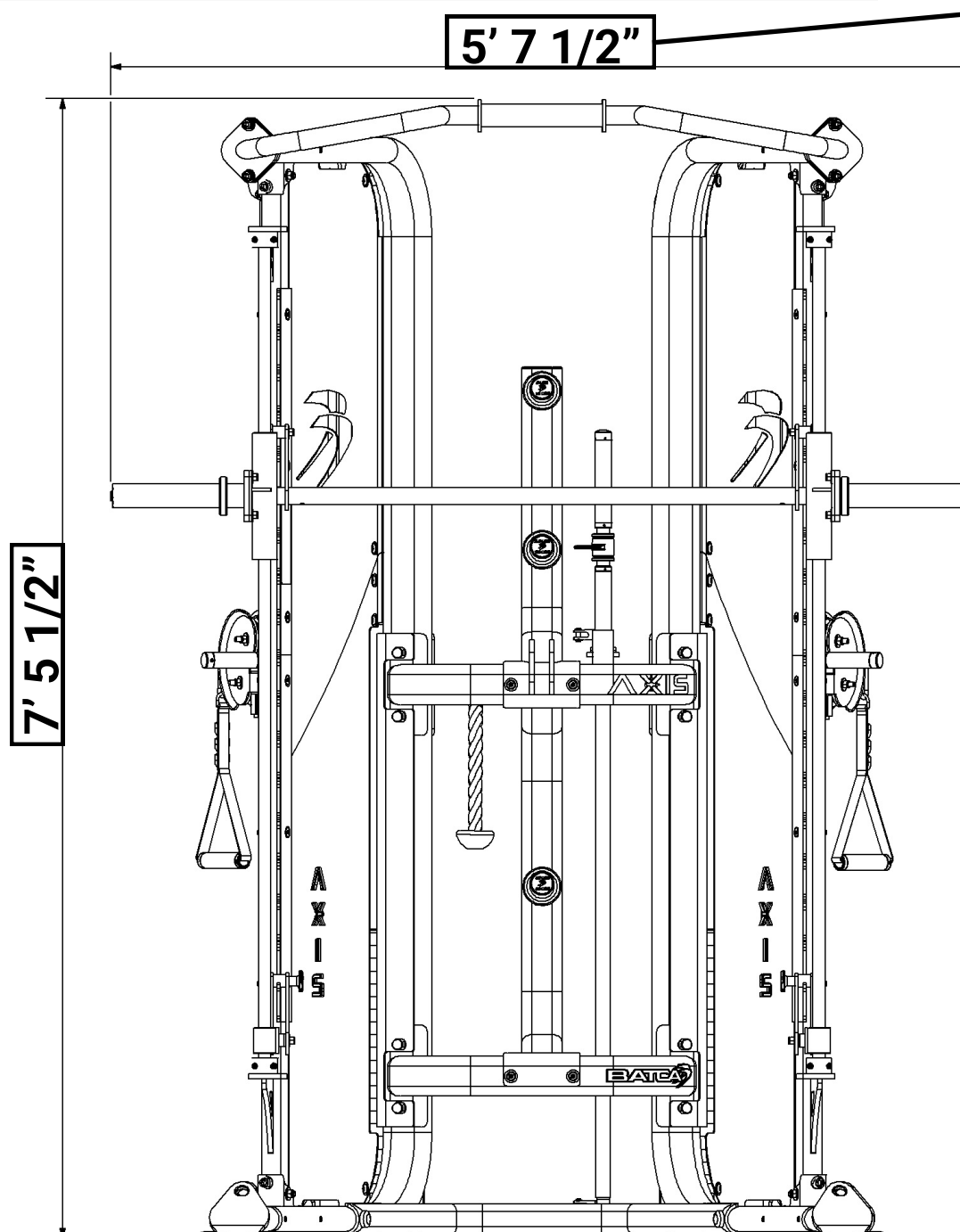
Y-AXIS Layout Diagrams

The Y-AXIS has layout dimensions which vary based on the main stations it is connected to. Make sure to read each note below to get accurate dimensions for your Y-AXIS configuration. There should be a minimum of 18", preferably 24", of working space around the entire unit.



! Note: If you have an **AFR** in your Y-AXIS configuration, this dimension will be 2" longer.

! Note: If you are installing **Y AXIS Dip/Plyo** or **Y AXIS Heavy Bag Hanger**, position the stations so there is a minimum of 5'-6" between the face of the Shroud (on the corresponding side) and the wall/any other equipment.



! Note: If your Y-AXIS configuration **does not** contain either an AST or an AFR main station, the maximum width dimension is 4' 5 1/2" instead.